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| HADOOP 1.X | HADOOP 2.X |
| JOB tracker takes care of resource utilization and Job Monitoring | Resource Utilisation is taken care by Resource Manager and Node Manager where as job Monitoring is taken care by application master |
| Task Tracker is configured with 4000 nodes and 40000 tasks | Scale up to 10000 nodes and 10000 tasks |
| Task Tracker is configured with static slots(ie) a  Map task can not run on reducer task slots and vice versa | Resources are dynamically allocated and no fixed slots.So resource utilization is high |
| Supports only map reduce | It supports map reduce and other application like Hadoop clusters can now run interactive querying and streaming data applications simultaneously with MapReduce batch jobs. This also streamlines MapReduce to do what is does best - process data. |
| Name Node acting as Single point of failure | This is overcomed by high availability |
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